



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A(04-07)

Modified form approved for use through 09/30/2007. OMB 651-0031  
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	09/903,448
		<b>Filing Date</b>	July 10, 2001
		<b>First Named Inventor</b>	Kuriacose Joseph
		<b>Group Art Unit</b>	2623
		<b>Examiner Name</b>	Olugbenga Idowu
Sheet 1 of 5		Attorney Docket No: 2050.001US5	

### US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20040261127A1	12/23/2004	Freeman, M. J. et al.	01/28/2004
	US-4,247,106	01/27/1981	Jeffers, Michael F	04/12/1978
	US-4,595,951	06/17/1986	Filliman, Paul D.	11/29/1983
	US-4,595,952	06/17/1986	Filliman, Paul D.	11/29/1983
	US-4,636,858	01/13/1987	Hague, Duane O., et al.	10/30/1984
	US-4,680,629	07/14/1987	Fukushima, Nobuo, et al.	02/27/1985
	US-4,712,131	12/08/1987	Tanabe, Toshiyuki	07/17/1986
	US-4,724,521	02/09/1988	Carron, J. M. et al.	01/14/1986
	US-4,740,912	04/26/1988	Whitaker, Ranald O.	11/28/1986
	US-4,744,080	05/10/1988	Brennand, Peter R., et al.	02/27/1986
	US-4,757,498	07/12/1988	Murray, Bruce	03/04/1986
	US-4,894,789	01/16/1990	Yee, Keen Y.	02/22/1988
	US-4,908,707	03/13/1990	Kinghorn, John R.	07/19/1988
	US-4,924,303	05/08/1990	Brandon, Daniel, et al.	09/06/1988
	US-4,935,870	06/19/1990	Burk, Jr. J. Robert, et al.	08/03/1988
	US-4,991,011	02/05/1991	Johnson, Lee R., et al.	04/20/1989
	US-5,010,499	04/23/1991	Yee, Keen Y.	10/30/1989
	US-5,036,314	07/30/1991	Barillari, Piero, et al.	01/12/1989
	US-5,075,773	12/24/1991	Pullen, Ian R., et al.	10/13/1989
	US-5,121,476	06/09/1992	Yee, Keen Y.	01/25/1991
	US-5,129,080	07/07/1992	Smith, Donald M.	10/17/1990
	US-5,132,992	07/21/1992	Yurt, Paul, et al.	01/07/1991
	US-5,148,275	09/15/1992	Blatter, Harold, et al.	11/15/1990
	US-5,168,356	12/01/1992	Acampora, Alfonse A., et al.	12/20/1991
	US-5,191,410	03/02/1993	McCalley, Karl W., et al.	02/05/1991
	US-5,191,573	03/02/1993	Hair, Arthur R.	09/18/1990
	US-5,195,092	03/16/1993	Wilson, Steven D., et al.	08/30/1991
	US-5,204,947	04/20/1993	Bernstein, Keith, et al.	10/31/1990
	US-5,221,968	06/22/1993	Bugg, Richard E. F.	06/25/1991
	US-5,233,654	08/03/1993	Harvey, John C., et al.	03/10/1992
	US-5,235,415	08/10/1993	Bonicel, Pierre, et al.	12/19/1990
	US-5,343,238	08/30/1994	Takata, Haruki, et al.	05/22/1992
	US-5,343,239	08/30/1994	Lappington, John P., et al.	11/20/1991
	US-5,347,632	09/13/1994	Filepp, Robert, et al.	07/28/1989
	US-5,355,170	10/11/1994	Eitz, Gerhard, et al.	12/12/1991
	US-5,440,744	08/08/1995	Jacobson, Neal F., et al.	11/15/1994
	US-5,469,431	11/21/1995	Wendorf, J. W., et al.	07/12/1993
	US-5,485,197	01/16/1996	Hoarty, W Leo	09/22/1994
	US-5,539,449	07/23/1996	Blahut, Donald E., et al.	05/03/1993
	US-5,548,532	08/20/1996	Menand, Jean-Rene, et al.	04/28/1994

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Complete if Known	
		<b>Application Number</b>	09/903,448
		<b>Filing Date</b>	July 10, 2001
		<b>First Named Inventor</b>	Kuriacose Joseph
		<b>Group Art Unit</b>	2623
		<b>Examiner Name</b>	Olugbenga Idowu
Sheet 2 of 5		Attorney Docket No: 2050.001US5	

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,581,270	12/03/1996	Smith, D. C, et al.	10/06/1993
	US-5,581,704	12/03/1996	Barbara, Daniel, et al.	12/06/1993
	US-5,666,293	09/09/1997	Metz, Eric C, et al.	07/03/1995
	US-5,706,435	01/06/1998	Barbara, Daniel, et al.	07/26/1996
	US-5,729,549	03/17/1998	Kostreski, Bruce, et al.	06/19/1995
	US-5,734,589	03/31/1998	Kostreski, Bruce, et al.	01/31/1995
	US-5,737,595	04/07/1998	Cohen, Thomas Andrew, et al.	07/18/1995
	US-5,757,416	05/26/1998	Birch, Christopher H., et al.	06/07/1995
	US-5,768,539	06/16/1998	Metz, Eric Christopher, et al.	12/17/1996
	US-5,805,825	09/08/1998	Danneels, Gunner, et al.	07/26/1995
	US-5,822,324	10/13/1998	Kostresti, Bruce, et al.	12/08/1995
	US-5,826,166	10/20/1998	Brooks, Kenneth R., et al.	07/06/1995
	US-5,847,750	12/08/1998	Srivastava, g. K, et al.	07/09/1993
	US-5,848,399	12/08/1998	Burke, Raymond R	07/25/1996
	US-5,936,659	08/10/1999	Viswanathan, Subrama Rishnarathamngalam, et al.	01/31/1997
	US-5,951,639	09/14/1999	MacInnis, Alexander G	02/14/1996
	US-5,973,684	10/26/1999	Brooks, Kenneth R, et al.	11/24/1997
	US-5,973,747	10/26/1999	Goreta, Lucas	06/14/1996
	US-5,978,855	11/02/1999	Metz, Erik Christopher, et al.	11/28/1997
	US-6,130,898	10/10/2000	Kostreski, Bruce, et al.	11/25/1997
	US-6,185,585	02/06/2001	Sequeira, William J.	12/16/1997
	US-6,195,364	02/27/2001	Brodigan, Donald L.	08/24/1999
	US-6,222,530	04/24/2001	Sequeira, William J.	08/21/1998
	US-6,240,448	05/29/2001	Imielinski, Tomasz, et al.	05/07/1999
	US-R,E32,187	06/17/1986	Barda, Jean F., et al.	06/03/1981

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>1</sup>
--------------------	---------------------	------------------	---	----------------

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	"", European Search Report-EP 95105803, (March 06, 2002)	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Advisory Action mailed 02-28-97", 1 pg	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Final Office Action Mailed 12-23-96", 6 pgs	

**EXAMINER****DATE CONSIDERED**

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	09/903,448
	<b>Filing Date</b>	July 10, 2001
	<b>First Named Inventor</b>	Kuriacose Joseph
	<b>Group Art Unit</b>	2623
	<b>Examiner Name</b>	Olugbenga Idowu
Sheet 3 of 5		
Attorney Docket No: 2050.001US5		

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Non-Final Office Action mailed 04-11-97", 6 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Non-Final Office Action mailed 06-17-96", 9 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Notice of Allowability mailed 05-11-98", 3 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Response filed 02-07-97 to Office Action mailed 12-23-96", 8 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Response filed 03-18-97 to Advisory Action mailed 02-28-97", 6 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Response filed 06-30-97 to Non-Final Office Action Mailed 04-11-97", 8 pgs	
	"Application Serial No. 08/233,908 (Atty Ref 2050.001US1), Response filed 09-23-96 to Non-Final Office Action Mailed 06-17-96", 17 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Advisory Action mailed 09-09-98", 1 pg	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Final Office Action mailed 05-13-98", 6 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Final Office Action mailed 07-02-98", 5 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Non-Final Office Action mailed 01-07-98", 6 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Notice of Allowance mailed 09-25-98", 3 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Preliminary Amendment filed 03-18-97", 7 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Response filed 02-27-98 to Non-Final Office Action mailed 01-07-98", 10 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Response filed 06-12-98 to Final Office Action mailed 05-13-98", 9 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Response filed 08-28-98 to Final Office Action mailed 07-02-98", 5 pgs	
	"Application Serial No. 08/819,274 (Atty Ref 2050.001US2), Response filed 09-18-98 to Final Office Action mailed 07-02-98", 2 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Final Office Action mailed 05-01-2006", 31 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Non Final Office Action mailed 03-08-2004", 6 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Non Final Office Action mailed 05-03-2007", 36 pgs	

**EXAMINER****DATE CONSIDERED**

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<i>Complete if Known</i>	
	<b>Application Number</b>	09/903,448
	<b>Filing Date</b>	July 10, 2001
	<b>First Named Inventor</b>	Kuriacose Joseph
	<b>Group Art Unit</b>	2623
	<b>Examiner Name</b>	Olugbenga Idowu
Sheet 4 of 5	Attorney Docket No: 2050.001US5	

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Non Final Office Action mailed 07-09-2003", 44 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Response filed 04-08-2004 to Non Final Office Action mailed 03-08-2004", 25 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Response filed 08-03-2007 to Non-Final Office Action mailed 05-03-2007", 14 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3) Response filed 11-10-2003 to Non Final Office Action mailed 07-09-2003", 25 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3), Final Office Action mailed 11-20-02", 34 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3), Non-Final Office Action mailed 01-15-02", 36 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3), Response filed 02-20-03 to Final Office Action mailed 11-20-02", 16 pgs	
	"Application Serial No. 09/672,523 (Atty Ref 2050.001US3), Response filed 04-15-02 to Non-Final Office Action mailed 01-15-02", 40 pgs	
	"Application Serial No. 09/72,523 (Atty Ref 2050.001US3), Notice of Appeal mailed 08-01-06", 6 pgs	
	"Application Serial No. 09/903,091 (Atty Ref 2050.001US7), Non-Final Office Action mailed 05-08-03", 8 pgs	
	"Application Serial No. 09/903,091 (Atty Ref 2050.001US7), Preliminary Amendment mailed 02-10-01", 13 pgs	
	"Application Serial No. 09/903,091 (Atty Ref 2050.001US7), Response filed 08-08-03 to Non-Final Office Action mailed 07-08-03", 20 pgs	
	"Application Serial No. 09/903,091 (Atty. Ref. 2050.001US7) Final Office Action mailed 01-11-2007", 20 pgs	
	"Application Serial No. 09/903,091 (Atty. Ref. 2050.001US7) Final Office Action mailed 08-03-2006", 20 pgs	
	"Application Serial No. 09/903,091 (Atty. Ref. 2050.001US7) Response filed 01-03-2007 to Final Office Action mailed 08-03-2006", 16 pgs	
	"Application Serial No. 09/903,457 (Atty Ref 2050.001US6), Restriction Requirement mailed 07-06-07", 10 pgs	
	"Application Serial No. 09/903,457 (Atty. Ref. 2050.001US6) Response to Non-Final Office Action filed 2-29-2008", 22 pgs.	
	"Application Serial No. 09/903,457(Atty. Ref. 2050.001US6), Non-Final Office Action mailed 09/17/2007", 16 pgs	
	"Application Serial No. 09/903,458 (Atty Ref 2050.001US4), Preliminary Amendment mailed 07-10-01", 3 pgs	
	"Application Serial No. 09/903,458 (Atty. Ref 2050.001US4), Non-Final Office Action mailed 10-12-2007", 34 pgs.	

**EXAMINER****DATE CONSIDERED**

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>	<b>Complete if Known</b>	
	<b>Application Number</b>	09/903,448
	<b>Filing Date</b>	July 10, 2001
	<b>First Named Inventor</b>	Kuriacose Joseph
	<b>Group Art Unit</b>	2623
	<b>Examiner Name</b>	Olugbenga Idowu
Sheet 5 of 5	Attorney Docket No: 2050.001US5	

**OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	"Application Serial No. 09/903,458 (Atty. Ref. 2050.001US4) Response to Non-Final Office Action filed 4-14-2008", 15 pgs.	
	"International Application Serial No. 03002720.5-1244 (Atty Ref 2050.001EP2), European Search Report completed 05-22-06", 3 pgs	
	"International Application Serial No. 03002720.5-1244 (Atty Ref 2050.001EP2), Office Action mailed 02-19-07", 5 pgs	
	"International Application Serial No. 03002720.5-1244 (Atty Ref 2050.001EP2), Response filed 07-03-07 to Office Action mailed 02-19-07", 11 pgs	
	"International Application Serial No. 03002721.3-1244 (Atty Ref 2050.001EP3), European Search Report completed 05-18-06", 3 pgs	
	"International Application Serial No. 03002721.3-1244 (Atty Ref 2050.001EP3), Office Action mailed 02-19-07", 6 pgs	
	"International Application Serial No. 03002721.3-1244 (Atty Ref 2050.001EP3), Response filed 10-18-07 to Non-Final Office Action mailed 02-19-07", 7 pgs	
	"International Application Serial No. 03002722.1-1244 (Atty Ref 2050.001EP4), European Search Report completed 05-23-06", 3 pgs	
	"International Application Serial No. 03002722.1-1244 (Atty Ref 2050.001EP4), Office Action mailed 02-19-07", 5 pgs	
	"International Application Serial No. 03002722.1-1244 (Atty Ref 2050.001EP4), Response filed 07-03-07 to Office Action mailed 02-19-07", 9 pgs	
	"International Application Serial No. 03002723.9 (Atty Ref 2050.001EP5), EP Office Action mailed 02-19-07", 4 pgs	
	"International Application Serial No. 03002723.9 (Atty Ref 2050.001EP5), European Search Report completed 05-19-06", 4 pgs	
	"International Application Serial No. 03002723.9 (Atty Ref 2050.001EP5), Response filed 07-03-07 to EP Office Action mailed 02-19-07", 15 pgs	
	"International Application Serial No. 95105803.1-1244 (Atty Ref 2050.001EP1), First Examiner's Report mailed 10-29-03", 6 pgs	

**EXAMINER****DATE CONSIDERED**

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached